

AMENDMENTS TO THE CLAIMS

1-20. (Cancelled)

21. (Currently Amended) A pressure-sensitive adhesive material or a sealing material which has a three-dimensional structure and a defined cross-sectional contour,

~~wherein said cross-sectional contour deviates from a flat two-dimensional geometry,~~

wherein said material is present in a form of strings, strands or strips,

wherein said strings, strands or strips have a round, semicircular, oval, elliptical, triangular, quadrangular, V-shaped, polygonal or irregular cross-sectional contour and a surface that is bent, curved or provided with edges corresponding to said cross-sectional contour, and

~~wherein said strings, strands or strips have a thickness of 0.5 to 50 mm, and~~

wherein said material is produced by polymerization of a polymerizable mass comprising at least one compound selected from the group consisting of aromatic (meth)acrylates, alicyclic (meth)acrylates, polycyclic (meth)acrylates, heterocyclic (meth)acrylates, di-, tri- and higher (meth)acrylates, epoxide acrylates, epoxides, vinyl ethers, vinyl esters, and styrene.

22. (Previously Presented) The material according to claim 21, wherein the compound is selected from the group consisting of benzyl (meth)acrylate, phenyl (meth)acrylate, phenoxyethyl (meth)acrylate, tetrafurfuryl (meth)acrylate, and isobornyl

(meth)acrylate.

23. (Previously Presented) The material according to claim 21, wherein the compound is selected from the group consisting of hexanediol di(meth)acrylate, trimethylolpropane tri(meth)acrylate, pentaerythritol tetra(meth)acrylate, hydroxyethyl (meth)acrylate, and 2-aminoethyl (meth)acrylate.

24. (Previously Presented) The material according to claim 21, wherein the vinyl ester is vinyl acetate.

25. (Cancelled)

26. (Previously Presented) The material according to claim 21, wherein the epoxide is based on bisphenol A.

27. (Previously Presented) The material according to claim 21, wherein the epoxide acrylate is a homopolymer of glycidyl (meth)acrylate.

28. (Previously Presented) The material according to claim 21, wherein the polymerizable mass comprises 0.5 to 5 %-wt. of a radiation-sensitive initiator.

29. (Previously Presented) The material according to claim 28, wherein the radiation-sensitive initiator is selected from the group consisting of 2-hydroxy-2-methyl-1-phenyl-1-propanone, 1-hydroxy-cyclohexyl-phenyl-ketone, iodonium, (4-methylphenyl)[4-(2-methylpropyl)-phenyl]hexafluorophosphate(1-), 2-benzyl-2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-1-butanone, a mixture of 50%-wt of 1-hydroxy-cyclohexyl-phenyl-ketone and 50%-wt of benzophenone, bis [2,6-difluoro-3-(1H-pyrrol-1-yl)phenyl]titanium, phosphine oxide phenyl-bis-(2,4,6-trimethyl benzoyl and 2-hydroxy-1-[4-2(hydroxyethoxy)phenyl]-2-methyl-1-propanone.

30. (Previously Presented) The material according to claim 21, wherein the polymerizable mass comprises 0.1 to 10 %-wt. of at least one inorganic filler.

31. (Previously Presented) The material according to claim 21, wherein the polymerizable mass comprises 0.1 to 10 %-wt. of at least one flame-proofing agent.

32. (Previously Presented) The material according to claim 21, wherein the polymerizable mass comprises 0.1 to 2 %-wt. of at least one colorant.

33. (Previously Presented) The material according to claim 21, wherein the polymerizable mass comprises 0.05 to 55 %-wt. of at least one cross-linking agent.

34-35. (Cancelled)

36. (Withdrawn) A method of permanently or releasably adhesively bonding of objects, comprising the step of:

applying the pressure sensitive adhesive materials according to claim 21 between the objects to be bonded.

37. (Withdrawn) A method of sealing joints or flanged joints or panes, comprising the step of:

applying the sealing materials according to claim 21 to the joints or the flanged joints or the panes to be sealed.

38. (Previously Presented) The material according to claim 21, wherein the material is present as rolled or continuous material.

39. (Previously Presented) The material according to claim 21, wherein said strings, strands, or strips have a thickness of 0.5 to 10 mm.

40. (Previously Presented) The material according to claim 21, wherein a ratio of width to height of said strings, strands, or strips having a quadrangular cross-sectional contour is in a range of 1:1 to 1:3.

41. (New) The material according to claim 21, wherein said strings, strands or strips have a thickness of 0.5 to 50 mm.

42. (New) The material according to claim 21, wherein said material is produced by applying said polymerizable mass to an adhesive support in web form, said support having one or more depressions in a longitudinal direction of said support, wherein said depressions have a pre-determined cross-sectional contour which substantially determines said round, semi-circular, oval, elliptical, triangular, quadrangular, V-shaped, polygonal or irregular cross-sectional contour of the material.

43. (New) The material according to claim 21, wherein said material is produced by:
polymerization of a polymerizable mass comprising at least one compound selected from the group consisting of aromatic (meth)acrylates, alicyclic (meth)acrylates, polycyclic (meth)acrylates, heterocyclic (meth)acrylates, di-, tri-, and higher (meth)acrylates, epoxide acrylates, epoxies, vinyl ethers, vinyl esters, and styrene, and

filling said polymerizable mass into one or more tubular bodies having an inner cross-sectional contour which substantially determines said round, semi-circular, oval, elliptical, triangular, quadrangular, V-shaped, polygonal or irregular cross-sectional contour of the material when the polymerizable mass is filled into the tubular bodies and cured.

44. (New) The material according to claim 42, wherein said polymerizable mass has a viscosity in the range of 0.5 to 10 Pa·s.

45. (New) The material according to claim 43, wherein said polymerizable mass has a viscosity in the range of 0.5 to 10 Pa·s.